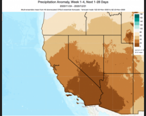
Weather West • 10 days ago

Very dry weather across California through mid-December

Despite some recent NorCal precip, conditions remain dry statewide Precipitation this autumn has been far below average--near record lo…

weatherwest.com

1809 Comments



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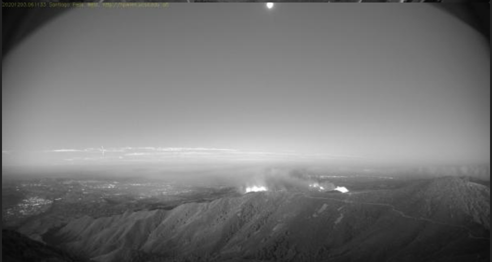
Straw Droughtyessa (Winters) • 15 minutes ago

Sensors all over SoCal showing gusts into the 60s and 70s, even a few 80 mph gusts in a few spots. Seems like the event is spread over a very wide geographic area. Those fires that started last night must be completely uncontrolled now, hoping there have been no Tubbs/Camp fire type of situations. Bad.

• Reply • Share ›

Wonderland Park • 25 minutes ago

2 fires visible from the Santiago Peak cameras, south towards the Bond fire and another one that I can't find info on in the hills to the east



Reply • Share ›

Gary (Duarte) • 40 minutes ago
5:30 AM
Chilly 46° and 40% humidity
Calm and very clear. Venus is bright.
Got lucky and spotted satellite heading S.E.

Reply • Share ›

redlands • 6 hours ago
42 in Redlands, Ca --- no winds at 1230am 12/3/20

Reply • Share ›

Dan the Weatherman • 6 hours ago
A brush fire has broken out somewhere in Silverado Canyon and the Williams Canyon area just SSW of the area is being evacuated. This is not too far from where the Silverado Fire broke out last month, and this fire could burn into the burn scar of that fire. If that is the case, this fire may burn itself out, unless it burns into unburned territory. Link:
https://abc7.com/crews-batt...

Reply • Share ›

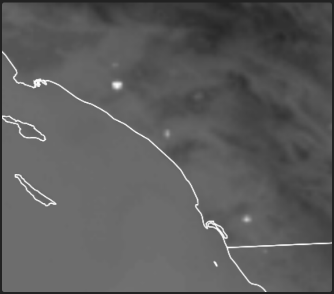
redlands ➦ Dan the Weatherman • 6 hours ago
any winds in your area ????

Reply • Share ›

Dan the Weatherman ➦ redlands • 6 hours ago
It is quite windy here right now, but I don't believe it is as strong as the Thanksgiving Santa Ana event. I am smelling some smoke from the fire in Silverado Canyon (named the Bond Fire), which is to the SE of my area here in Orange.

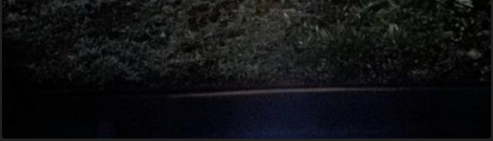
Reply • Share ›

MAH_NEFL • 7 hours ago
Seems to be 5 fires now :



Reply • Share ›

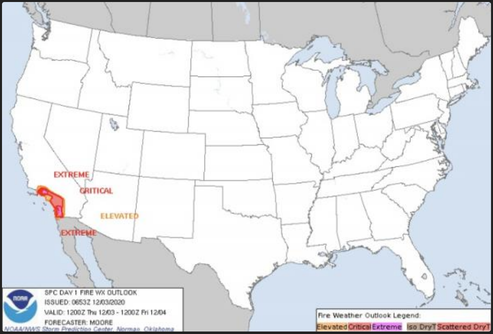
alanstorm • 7 hours ago
El Cajon fire.
What a horrible sight to see😟



^ | ˅ • Reply • Share ›

K2 • 8 hours ago

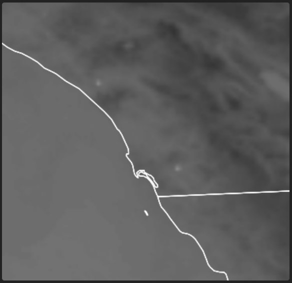
Stay safe folks. Looks like SPC made the upgrade to extremely critical for the Ventura mountains— I can count at least three wildfires that have broken out thus far.


EXTREME
CRITICAL
ELEVATED
EXTREME
SPC DAY 1 FIRE WX OUTLOOK
ISSUED: 0653Z 12/03/2020
VALID: 1200Z Thu 12/03 - 1200Z Fri 12/04
FORECASTER: MOORE
NOAA/NWS Storm Prediction Center, Norman, Oklahoma
Fire Weather Outlook Legend:
Elevated Critical Extreme Iso DryT Scattered DryT

^ | ˅ • Reply • Share ›

MAH_NEFL • 8 hours ago

I think it's the bottom right dot on GOES WEST.



^ | ˅ • Reply • Share ›

MAH_NEFL • 8 hours ago

A wildfire broke out.

⌃ | ⌄ • Reply • Share ›

Geomagnetic_Storm(San Jose) ➦ MAH_NEFL • 8 hours ago
Damn.
⌃ | ⌄ • Reply • Share ›

MAH_NEFL ➦ Geomagnetic_Storm(San Jose) • 8 hours ago
Wind is howling.

www.cbs8.com
1 ⌃ | ⌄ • Reply • Share ›

redlands • 8 hours ago
Calm in Redlands. Ca. No winds. Last wind storm, had a gust to 37 mph
⌃ | ⌄ • Reply • Share ›

Dan the Weatherman ➦ redlands • 8 hours ago
You must live in a microclimate that is not as prone to Santa Ana winds as other areas of the I.E. I wonder if you are wind-protected due to some mountains are you in a very low lying area?
⌃ | ⌄ • Reply • Share ›

Ventura Highway • 10 hours ago
Devil wind just whipping up here in the last hour. A few big gusts.
⌃ | ⌄ • Reply • Share ›

VC_AvocadoGrower (VTA/SP) ➦ Ventura Highway • 8 hours ago
I think this is the strongest event so far this year at my location (Midtown). The strong gusts and lack of rain give me Dec 2017 flashbacks for all the wrong reasons.
⌃ | ⌄ • Reply • Share ›

Unbiased Observer • 10 hours ago
Wind is really starting to howl out of the SE here along with an expected rise in temps to the low 60s.
⌃ | ⌄ • Reply • Share ›

NorthWindHater (Orange) ➦ Unbiased Observer • 9 hours ago • edited
Where is "here" approximately? Wind out of the SE?
⌃ | ⌄ • Reply • Share ›

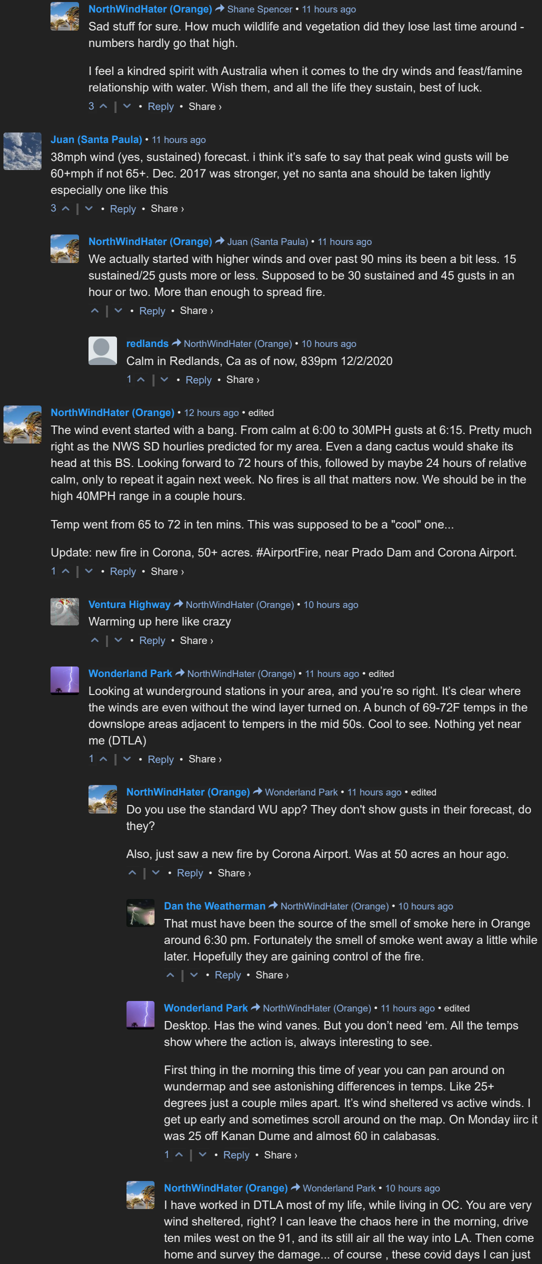
Unbiased Observer ➦ NorthWindHater (Orange) • 9 hours ago
Bakersfield
1 ⌃ | ⌄ • Reply • Share ›

NorthWindHater (Orange) ➦ Unbiased Observer • 9 hours ago
I had rising temps for first hour or so. Now falling, even though wind remains ENE.
⌃ | ⌄ • Reply • Share ›

Unbiased Observer ➦ NorthWindHater (Orange) • 8 hours ago
Wind is ESE here and holding steady at about 62F. We don't typically get Santa Anas here but I'm up against the hills so it's not unheard of.
⌃ | ⌄ • Reply • Share ›

Juan (Santa Paula) • 10 hours ago • edited
wow! that was one of the most powerful gusts i've experienced this wind season! hoping we make it through with no new major fire starts but we'll manage
⌃ | ⌄ • Reply • Share ›

Shane Spencer • 11 hours ago
Jeeeze... if one part of the world isn't on fire the other part is. Australian Bushfire. The fire on the world's largest sand island, also known as K'gari, has been burning for six weeks and is encroaching on areas with 1,000-year-old trees.
⌃ | ⌄ • Reply • Share ›



NorthWindHater (Orange) ↪ Shane Spencer • 11 hours ago

Sad stuff for sure. How much wildlife and vegetation did they lose last time around - numbers hardly go that high.

I feel a kindred spirit with Australia when it comes to the dry winds and feast/famine relationship with water. Wish them, and all the life they sustain, best of luck.

3 ^ | ˅ • Reply • Share ›

Juan (Santa Paula) • 11 hours ago

38mph wind (yes, sustained) forecast. i think it's safe to say that peak wind gusts will be 60+mph if not 65+. Dec. 2017 was stronger, yet no santa ana should be taken lightly especially one like this

3 ^ | ˅ • Reply • Share ›

NorthWindHater (Orange) ↪ Juan (Santa Paula) • 11 hours ago

We actually started with higher winds and over past 90 mins its been a bit less. 15 sustained/25 gusts more or less. Supposed to be 30 sustained and 45 gusts in an hour or two. More than enough to spread fire.

^ | ˅ • Reply • Share ›

redlands ↪ NorthWindHater (Orange) • 10 hours ago

Calm in Redlands, Ca as of now, 839pm 12/2/2020

1 ^ | ˅ • Reply • Share ›

NorthWindHater (Orange) • 12 hours ago • edited

The wind event started with a bang. From calm at 6:00 to 30MPH gusts at 6:15. Pretty much right as the NWS SD hourlies predicted for my area. Even a dang cactus would shake its head at this BS. Looking forward to 72 hours of this, followed by maybe 24 hours of relative calm, only to repeat it again next week. No fires is all that matters now. We should be in the high 40MPH range in a couple hours.

Temp went from 65 to 72 in ten mins. This was supposed to be a "cool" one...

Update: new fire in Corona, 50+ acres. #AirportFire, near Prado Dam and Corona Airport.

1 ^ | ˅ • Reply • Share ›

Ventura Highway ↪ NorthWindHater (Orange) • 10 hours ago

Warming up here like crazy

^ | ˅ • Reply • Share ›

Wonderland Park ↪ NorthWindHater (Orange) • 11 hours ago • edited

Looking at wunderground stations in your area, and you're so right. It's clear where the winds are even without the wind layer turned on. A bunch of 69-72F temps in the downslope areas adjacent to tempers in the mid 50s. Cool to see. Nothing yet near me (DTLA)

1 ^ | ˅ • Reply • Share ›

NorthWindHater (Orange) ↪ Wonderland Park • 11 hours ago • edited

Do you use the standard WU app? They don't show gusts in their forecast, do they?

Also, just saw a new fire by Corona Airport. Was at 50 acres an hour ago.

^ | ˅ • Reply • Share ›

Dan the Weatherman ↪ NorthWindHater (Orange) • 10 hours ago

That must have been the source of the smell of smoke here in Orange around 6:30 pm. Fortunately the smell of smoke went away a little while later. Hopefully they are gaining control of the fire.

^ | ˅ • Reply • Share ›

Wonderland Park ↪ NorthWindHater (Orange) • 11 hours ago • edited

Desktop. Has the wind vanes. But you don't need 'em. All the temps show where the action is, always interesting to see.

First thing in the morning this time of year you can pan around on wundermap and see astonishing differences in temps. Like 25+ degrees just a couple miles apart. It's wind sheltered vs active winds. I get up early and sometimes scroll around on the map. On Monday iirc it was 25 off Kanan Dume and almost 60 in calabasas.

1 ^ | ˅ • Reply • Share ›

NorthWindHater (Orange) ↪ Wonderland Park • 10 hours ago

I have worked in DTLA most of my life, while living in OC. You are very wind sheltered, right? I can leave the chaos here in the morning, drive ten miles west on the 91, and its still air all the way into LA. Then come home and survey the damage... of course , these covid days I can just sit at home and witness the wind carnage.

1 ^ | ⌄ • Reply • Share ›

Wonderland Park ↪ NorthWindHater (Orange) • 9 hours ago

Yes, very wind sheltered in the Elysian Valley.

^ | ⌄ • Reply • Share ›

Dan the Weatherman ↪ NorthWindHater (Orange) • 10 hours ago

It is amazing how windy it can be in the areas close to Anaheim Hills and the Santa Ana Mountain foothills, and yet 10 miles to the west it can be almost completely calm.

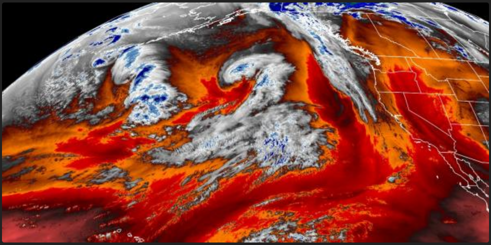
1 ^ | ⌄ • Reply • Share ›

Jason Jackson Willamette • 12 hours ago

Me again!

I know, I know, but this looks kinda interesting, and its headed toward us. Course, it'll hit the ridgeary, and get dissolved before our eyes. Something to watch though.

https://rammb-slider.cira.c...



3 ^ | ⌄ • Reply • Share ›

Straw Droughtyessa (Winters) ↪ Jason Jackson Willamette • 9 hours ago

NWS Sacto: "Models are picking up on a shortwave expected to possibly reach the West Coast by the end of the weekend. This system is forecast to fall apart as it approaches the strong area of high pressure in place over Northern California."

1 ^ | ⌄ • Reply • Share ›

Jason Jackson Willamette ↪ Straw Droughtyessa (Winters) • 9 hours ago

Well, of course....

^ | ⌄ • Reply • Share ›

NorthWindHater (Orange) ↪ Jason Jackson Willamette • 10 hours ago

Ridgeary, thats a keeper!

1 ^ | ⌄ • Reply • Share ›

Yolo Hoe ↪ Jason Jackson Willamette • 11 hours ago

Watch the shredder shred — kind of like those rotary units out of Kingvale or the Roseville Yard

2 ^ | ⌄ • Reply • Share ›

Jason Jackson Willamette • 12 hours ago

Like Straw below, I'll add my sunset images taken this afternoon near Mather Field in Rancho Cordova. Even managed to capture a landing UPS freight plane! A beautiful day. And the addition of some clouds gives one faint hope that there might be some rain in our future's future....

see more

5 ^ | ˅ • Reply • Share ›

William Justo ➦ Jason Jackson Willamette • 9 hours ago • edited

Also managed to snap a few pics of the sunset this evening right after getting off work as well. Ignore the light pole lol. At least the ridge isn't strong enough to block 100% moisture so some clouds were still pushing in giving us these pretty sunsets as of late. Pic taken from Milpitas, CA (12-2-2020).

3 ^ | ˅ • Reply • Share ›

Jason Jackson Willamette ➦ William Justo • 9 hours ago

Beautiful colors!

^ | ˅ • Reply • Share ›

Straw Droughtyessa (Winters) • 13 hours ago

Quite the sunset today. Makes a pretty picture reflected in the water, too bad it's coming from the ground and not the sky.

see more

7 ^ | ˅ • Reply • Share ›

Wonderland Park • 13 hours ago • edited

That mystery steel obelisk has shown up in Atascadero (or a copycat put one up there)

Maybe it will break the ridging? Flip the ENSO? Conjure an Arkstorm? Sell more Central Coast Pinot?

3 ^ | ˅ • Reply • Share ›

Snow Walker (Pollock Pines) ➦ Wonderland Park • 11 hours ago

20$ says it shows up at Burning Man next year.

1 ^ | ˅ • Reply • Share ›

Jason Jackson Willamette ➦ Wonderland Park • 12 hours ago • edited

Waiting for a mysterious voice to come from it. An other worldly vibration issuing an ominous warning to humanity, that if we don't change our ways, we'll soon be facing our own demise.

^ | ˅ • Reply • Share ›

Shane Spencer ➦ Wonderland Park • 13 hours ago

Ah yes a new trend. Remember crop circles? O_o

2 ^ | ⌄ • Reply • Share ›

Jason Jackson Willamette ➦ Shane Spencer • 12 hours ago • edited

Some of those were pranks. While others...... : ^ 0

2 ^ | ⌄ • Reply • Share ›

Weather West Mod • 14 hours ago

The water's out there...it just isn't headed for CA.

5 ^ | ⌄ • Reply • Share ›

Bombillo ➦ Weather West • 14 hours ago

This unusually high rainfall for Skagway does not appear to be a trend or something that could otherwise be ascribed to climate change. The next closest high rainfall record is 2005 and then it essentially jumps to the 1930's. I do not see any trend here, more of a cyclic variation. Am I missing something?

^ | ⌄ • Reply • Share ›

Weather West Mod ➦ Bombillo • 14 hours ago • edited

That's not really how we assess climate trends. It's not possible to deduce, from this data alone, whether precipitation extremes (or mean precipitation) has changed in a statistically detectable way.

If one were to do a formal analysis, one would look at the full precipitation record (not just the top 10 values) and across multiple observing sites in the same area.

(I don't actually know whether or not there's yet a detectable trend or not in SE AK extremes; I just know it's not possible to infer that from this kind of limited information!)

2 ^ | ⌄ • Reply • Share ›

Bombillo ➦ Weather West • 13 hours ago

I do appreciate that but in the case of California the expectation is for more extreme events. Would you not expect this location in Alaska to generally have that profile going forward as well?

^ | ⌄ • Reply • Share ›

Weather West Mod ↪ Bombillo • 13 hours ago • edited

I would expect that SE AK, like nearly every other location on Earth, will eventually exhibit a signal of increasing precipitation extremes. But the observed extremes signal is quite noisy--so we'd need a much wider swath of data (spatially and temporally) to even attempt to discern whether there's a clear signal yet in a particular location. (The observed signal has only recently emerged from the noise in globally-aggregated data, BTW, but will only continue to strengthen as the climate continues to warm and will eventually be clearly detectable nearly everywhere.)

3 ^ | ˅ • Reply • Share ›

Bombillo ↪ Weather West • 13 hours ago

Thank you.

^ | ˅ • Reply • Share ›

Juan (Santa Paula) ↪ Bombillo • 14 hours ago

it may not be more intense but it'll happen more frequently

^ | ˅ • Reply • Share ›

PRCounty (Santa Lucia's) • 15 hours ago

Seriously gorgeous day with some fall colors in the Santa Lucia's

see more

19 ^ | ˅ • Reply • Share ›

AR (Sunnyvale) • 15 hours ago

I suppose with the new information provided by the models, a revision to my prediction for December is in order. Will it be a shutout? Probably not. But any "pattern change" will probably just end up bringing more of what we've already seen - weak and mercurial storms that only benefit very specific locations. I would go with about 0.25"-0.5" for the month for my backyard.

^ | ˅ • Reply • Share ›

Juan (Santa Paula) • 16 hours ago

wu and the weather app are showing E winds with 17 mph gusts. here at ground level they are more W and 15mph gusts

^ | ˅ • Reply • Share ›

charles kraft ↪ Juan (Santa Paula) • 14 hours ago

I looked at ventusky a bit earlier, it showed Santa Paula with winds from the east and winds from the west converging right over town. They were exiting to the north.

^ | ˅ • Reply • Share ›

inclinejj • 16 hours ago

The Bay Area needs to chat with Coop. It always snows when they talk to Coop.

1 ^ | ˅ • Reply • Share ›

Nathan • 16 hours ago

That system on the 6-9th is an all time troll.

1 ^ | ˅ • Reply • Share ›

Fairweathercactus • 17 hours ago

Cactus is ready for the holiday season it will be a toasty one. Like that episode of king of the hill where Hank goes to AZ for Christmas. It is 85 degrees. That could be us.

1 ^ | ˅ • Reply • Share ›

Erin ↪ Fairweathercactus • 11 hours ago

I always bought a short sleeve shirt to wear on Christmas growing up in Arcadia (and

I'm 50). The 85 degree Christmas was always a thing.

Reply • Share ›

NorthWindHater (Orange) ➦ Fairweathercactus • 15 hours ago

Not sure why you even hedge with "could be." Safer bet is will be. And it effin' sucks.

Reply • Share ›

celo (Santa Barbara) • 17 hours ago

In hour 23,758 the Canadian model is showing a quarter inch for SoCal so there's still hope

1 • Reply • Share ›

Carson Lee Side ➦ celo (Santa Barbara) • 17 hours ago

So in 989 days we can count on Lucy pulling the football, yet again. ;-/

Sorry, I'm not really that pessimistic. Just playing along ;-)

1 • Reply • Share ›

celo (Santa Barbara) ➦ Carson Lee Side • 17 hours ago

The outer limits of the Canadian are as reliable as my cheep friend bringing a 6-pack of beer to a super bowl party.

2 • Reply • Share ›

alanstorm ➦ celo (Santa Barbara) • 17 hours ago

Or he brings Coors Lite

3 • Reply • Share ›

Glenshire 49 More Days! ➦ alanstorm • 16 hours ago

He said “beer”.

6 • Reply • Share ›

Juan (Santa Paula) • 17 hours ago

light onshore breeze atm

Reply • Share ›

rob b-Truckee/East Bay • 17 hours ago

Nice break down of the North Tahoe resort requirements from the Town of Truckee-
https://www.truckee.com/tru...

Reply • Share ›

Straw Droughtyessa (Winters) ➦ rob b-Truckee/East Bay • 17 hours ago

They left off that all resorts require snow to operate ;)

1 • Reply • Share ›

rob b-Truckee/East Bay ➦ Straw Droughtyessa (Winters) • 16 hours ago

1 • Reply • Share ›

mogden • 18 hours ago

There is an exceptionally close conjunction of Saturn and Jupiter on the winter solstice, December 21. I can only assume that kindly Mother Nature has granted us this extended period of clear skies so that we may observe and appreciate the motion of these celestial bodies. Surely, after the appointed date, a deluge of monumental proportions shall begin.

8 • Reply • Share ›

Shane Spencer ➦ mogden • 13 hours ago

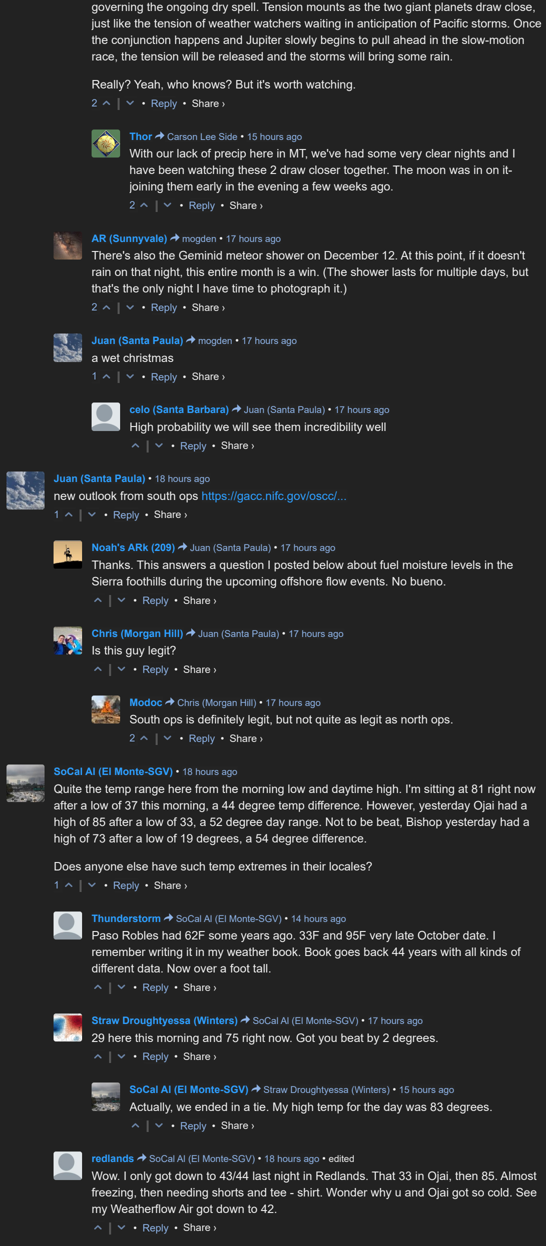
Certainly will be something to see. Got my little telescope ready!

Reply • Share ›

Carson Lee Side ➦ mogden • 17 hours ago

It's the closest such conjunction between these two old friends since the year 1623. It's gonna be lit. If you miss this one, you can catch the next meeting in 20 years.

I was recently suggesting to BA that this conjunction is serving as the current omen



governing the ongoing dry spell. Tension mounts as the two giant planets draw close, just like the tension of weather watchers waiting in anticipation of Pacific storms. Once the conjunction happens and Jupiter slowly begins to pull ahead in the slow-motion race, the tension will be released and the storms will bring some rain.

Really? Yeah, who knows? But it's worth watching.

2 ^ | ˅ • Reply • Share ›

Thor ➦ Carson Lee Side • 15 hours ago

With our lack of precip here in MT, we've had some very clear nights and I have been watching these 2 draw closer together. The moon was in on it- joining them early in the evening a few weeks ago.

2 ^ | ˅ • Reply • Share ›

AR (Sunnyvale) ➦ mogden • 17 hours ago

There's also the Geminid meteor shower on December 12. At this point, if it doesn't rain on that night, this entire month is a win. (The shower lasts for multiple days, but that's the only night I have time to photograph it.)

2 ^ | ˅ • Reply • Share ›

Juan (Santa Paula) ➦ mogden • 17 hours ago

a wet christmas

1 ^ | ˅ • Reply • Share ›

celo (Santa Barbara) ➦ Juan (Santa Paula) • 17 hours ago

High probability we will see them incredibility well

^ | ˅ • Reply • Share ›

Juan (Santa Paula) • 18 hours ago

new outlook from south ops https://gacc.nifc.gov/oscc/...

1 ^ | ˅ • Reply • Share ›

Noah's ARk (209) ➦ Juan (Santa Paula) • 17 hours ago

Thanks. This answers a question I posted below about fuel moisture levels in the Sierra foothills during the upcoming offshore flow events. No bueno.

^ | ˅ • Reply • Share ›

Chris (Morgan Hill) ➦ Juan (Santa Paula) • 17 hours ago

Is this guy legit?

^ | ˅ • Reply • Share ›

Modoc ➦ Chris (Morgan Hill) • 17 hours ago

South ops is definitely legit, but not quite as legit as north ops.

2 ^ | ˅ • Reply • Share ›

SoCal Al (El Monte-SGV) • 18 hours ago

Quite the temp range here from the morning low and daytime high. I'm sitting at 81 right now after a low of 37 this morning, a 44 degree temp difference. However, yesterday Ojai had a high of 85 after a low of 33, a 52 degree day range. Not to be beat, Bishop yesterday had a high of 73 after a low of 19 degrees, a 54 degree difference.

Does anyone else have such temp extremes in their locales?

1 ^ | ˅ • Reply • Share ›

Thunderstorm ➦ SoCal Al (El Monte-SGV) • 14 hours ago

Paso Robles had 62F some years ago. 33F and 95F very late October date. I remember writing it in my weather book. Book goes back 44 years with all kinds of different data. Now over a foot tall.

^ | ˅ • Reply • Share ›

Straw Droughtyessa (Winters) ➦ SoCal Al (El Monte-SGV) • 17 hours ago

29 here this morning and 75 right now. Got you beat by 2 degrees.

^ | ˅ • Reply • Share ›

SoCal Al (El Monte-SGV) ➦ Straw Droughtyessa (Winters) • 15 hours ago

Actually, we ended in a tie. My high temp for the day was 83 degrees.

^ | ˅ • Reply • Share ›

redlands ➦ SoCal Al (El Monte-SGV) • 18 hours ago • edited

Wow. I only got down to 43/44 last night in Redlands. That 33 in Ojai, then 85. Almost freezing, then needing shorts and tee - shirt. Wonder why u and Ojai got so cold. See my Weatherflow Air got down to 42.

^ | ˅ • Reply • Share ›

celo (Santa Barbara) ↪ redlands • 17 hours ago

Cold air sinks. Likes the low places, especially when the winds are slight

^ | ˅ • Reply • Share ›

SoCal Al (El Monte-SGV) ↪ redlands • 17 hours ago

My area of the SGV is usually wind protected, add the low humidities and radiational nightime cooling temps can drop quickly.

^ | ˅ • Reply • Share ›

Juan (Santa Paula) ↪ redlands • 18 hours ago

it’s a wind sheltered valley with dry air

^ | ˅ • Reply • Share ›

Palos Verdes • 19 hours ago • edited

Question for the WeatherWest brain trust: I have noticed more often than not here in SW LA County, that AQI degrades under onshore flow but not offshore flow. This is counterintuitive to me: I would expect onshore flow to bring cooler, clean marine air and push the pollution sources (that are inland from us) away from us, and I would expect offshore flow to bring the pollution sources that are to our E, NE, and N to our location. However, observations in this location on the coast (at approximately 400') have shown the opposite - the AQI (PM 2.5) dramatically improves for the entire LA Basin under Santa Ana wind events, and degrades during the normal onshore flow.

Is this due to a so-called marine inversion? Or is it something else? The air quality in general has been poor at our location and the only silver lining with these endless offshore wind events is the good AQI....as long as there aren't any fire starts.

Edit to add that allergies and asthma reactions are noticeably increased in our household when the marine layer pushes in, which would seem to further support the marine inversion hypothesis.

^ | ˅ • Reply • Share ›

Al (Victorville) ↪ Palos Verdes • 14 hours ago • edited

I feel that its the inversion... because whenever I get down to the northern I.E. (namely Ontario/SBD areas), I would tend to see the atmosphere very hazy (from both moisture and ozone) and sometimes the onshore flow brings that haze towards my neck of the woods if the winds are from the south-southwest. This picture below (when I posted it a month ago) reveals an example of clean, dry west-northwest winds colliding with moist, ozone-haze southerly winds:

see more

2 ^ | ˅ • Reply • Share ›

Cal-AQ (Easy Sac) ↪ Palos Verdes • 18 hours ago

It depends a lot on the strength of the winds, too. Offshore wind days tend to have fairly strong winds, so everything gets cleared out pretty quickly. On the other hand, your typical 'weak sea breeze picks up around noon then dies at sunset' kind of day just doesn't have the oomph to clear out the whole basin, outside of the immediate coast area. Then, later in the night, sometimes you get weak downsloping winds (light offshore) that just re-circulate the pollution around.

You also have to factor in emission sources nearby, and the boundary layer height. When its cold (like it has been this week) lots of people use fireplaces, so you often see big spikes in PM2.5 right around 6pm, when it starts getting cold, people start firing up the woodburners, and the boundary layer collapses. All of that stuff just has nowhere to go and just stagnates, staying really close the the surface. Then you also have the usual vehicular traffic and port/refinery emissions in your area.

4 ^ | ˅ • Reply • Share ›

Palos Verdes ↪ Cal-AQ (Easy Sac) • 18 hours ago • edited

This makes sense. It also would explain why the AQI is often a bit better here at 400' than at MSL just a couple miles away.

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